

Title (en)  
Starting valve

Title (de)  
Startventil

Title (fr)  
Vanne de démarrage

Publication  
**EP 0730097 B1 20010613 (DE)**

Application  
**EP 96100771 A 19960119**

Priority  
DE 19506974 A 19950228

Abstract (en)  
[origin: EP0730097A2] The start valve has a piston (7) whose two pressure surfaces (7a,7b) have a displacement effect in the direction of the open position. The first and second pressure surfaces are the same size. A throttle opening (9) is formed between the end region of the piston (7c) and a wall (2a) of the channel (6) in order to maintain a small pressure medium flow. The size of the throttle opening during the closed position of the piston can be altered by an adjustment screw (11).

IPC 1-7  
**F15B 11/06**

IPC 8 full level  
**F15B 11/06** (2006.01); **F15B 11/068** (2006.01); **F16K 31/363** (2006.01)

CPC (source: EP US)  
**F15B 11/068** (2013.01 - EP US); **F16K 15/026** (2013.01 - US); **F16K 31/363** (2013.01 - EP US); **F16K 2200/401** (2021.08 - US); **Y10T 137/5153** (2015.04 - EP US); **Y10T 137/5196** (2015.04 - EP US); **Y10T 137/7835** (2015.04 - EP US); **Y10T 137/7848** (2015.04 - EP); **Y10T 137/7877** (2015.04 - EP US); **Y10T 137/7925** (2015.04 - EP)

Designated contracting state (EPC)  
AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**US 5918623 A 19990706**; AT E202186 T1 20010615; DE 19506974 A1 19960829; DE 59607058 D1 20010719; EP 0730097 A2 19960904; EP 0730097 A3 19980729; EP 0730097 B1 20010613; ES 2159653 T3 20011016

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